

Weights:

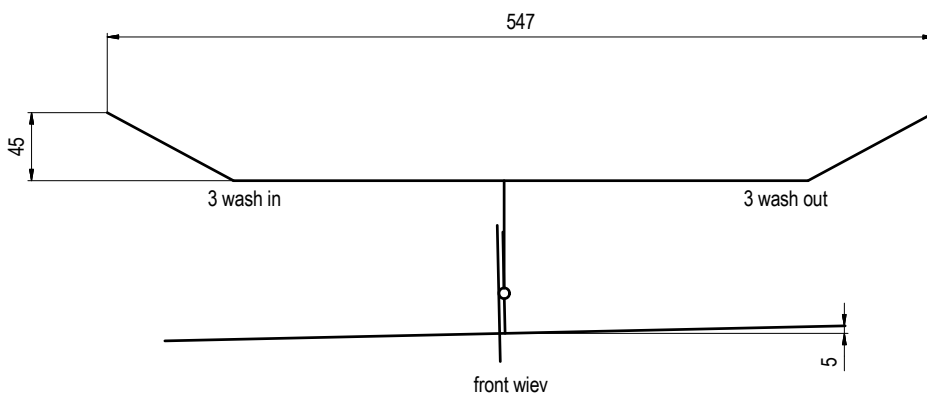
Wing	338
Stick & boom	508
Stab	186
Prop	184
Ballast	198
<b>Total</b>	<b>1 414</b>

Prop: D 420 / P 680  
 Rubber: 99/5 1.136g/m 396mg

## 04 - F1D 55

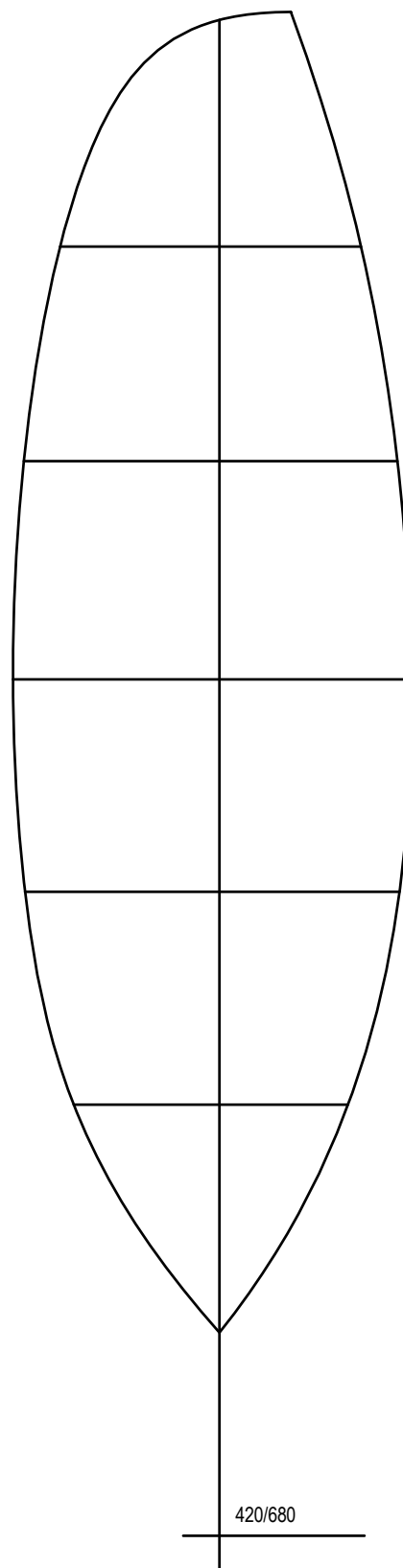
Zoltán Sükösd - Hungary

Slanic, 31.03.2015  
 ECh: 1 st place  
 Cat IV: 28:11 Word record



# 04 - F1D 55 model data (28:11 Slanic, 31.03.2015)

parts	sizes: mm (boron & tungsten: in.)	density kg/m3	weight mg
<b>wing</b>			<b>338</b>
spars	1.65x0.95 > 1.1x0.95 (2x boron .003)	87	110
tips	1.3x0.95 > 0.98x0.62	87	36
middle ribs	1.2x0.61 4.5% arc (5.3 Greenman)	85	45
comp.ribs	1.3x0.63 (5.3.Greenman)	85	52
tubes	Ø1.7x8 fiber glas		6
covering	OS foil		
<b>stick</b>			<b>418</b>
sheet	250x20x0.32 Ø6.5 (1x boron .004) 6 hour	65	140
bracing post	1.24x0.95 > 1.0x1.0x37 (2x boron)	86	10
posts	1.55x1.55x77 (4x boron .003)	85	48
bracing wire	.001 tungsten (from Harlan)		
bearing	alu 0.55x1.1x14 orsi typ		22
rear hook	Ø0.35 music wire		32
extension	95x20x0.32 Ø6.5 (1x boron .004) 6 hour	65	53
front boom	310x20>15.3x0.3 (2x boron .003) 6, 12 hours	78	128
<b>stab</b>			<b>186</b>
spars	1.2x0.83 > 0.85x0.74 (2x boron .003)	83	90
ribs	1.0x0.6 2.5% arc	86	38
tubes	Ø1.5x5 fiber glas		4
covering	OS foil		
<b>rear boom</b>			<b>90</b>
sheet	215x16.8>12x0.27>0.25 (2x .003) 6, 12 hours	64	62
posts	1.25x1.4x25 (2x boron .003)	85	15
<b>rudder</b>	outline boron .004 OS foil		<b>10</b>
<b>prop</b>	Ø420/P680		<b>184</b>
outline	0.55x0.6 > 0.5x0.5	87	41
ribs	0.6x0.5 2% arc	77	20
spar	1.6x1.6 > 0.6x0.6 (4x boron .003)	83	76
shaft	Ø0.35 music wire		24
middle sect.	tube Ø1.5x20		14
covering	OS foil		



420/680